#6



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OIPE

RAW SEQUENCE LISTING PATENT APPLICATION: US/10/086,816A

DATE: 11/06/2002 TIME: 14:32:39

Input Set : A:\2401pcd.app

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      5 <120> TITLE OF INVENTION: NOVEL GENE ENCODING ORGANIC ANION TRANSPORTER
     7 <130> FILE REFERENCE: 240.1PCD
     9 <140> CURRENT APPLICATION NUMBER: 10/086,816A
C--> 10 <141> CURRENT FILING DATE: 2002-10-15
    12 <150> PRIOR APPLICATION NUMBER: 09/330,245
    13 <151> PRIOR FILING DATE: 1999-06-10
    15 <150> PRIOR APPLICATION NUMBER: 60/132,267
    16 <151> PRIOR FILING DATE: 1999-05-03
    18 <150> PRIOR APPLICATION NUMBER: 60/088,864
    19 <151> PRIOR FILING DATE: 1998-06-11
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    27 <212> TYPE: DNA
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    48 Gly Gly Val Gly Arg Phe Gln Gln Ile Gln Val Thr Leu Val Val Leu
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    51 ccc ctg ctc ctg atg gct tct cac aac acc ctg cag aac ttc act gct
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    52 Pro Leu Leu Met Ala Ser His Asn Thr Leu Gln Asn Phe Thr Ala
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    55 gcc atc cct acc cac tgc cgc ccg cct gcc gat gcc aac ctc agc
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    60 Lys Asn Gly Gly Leu Glu Val Trp Leu Pro Arg Asp Arg Gln Gly Gln
    63 cct gag tcc tgc ctc cgc ttc acc tcc ccg cag tgg gga ctg ccc ttt
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Input Set : A:\2401pcd.app

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72 Asp Gly Trp Ile Tyr Asp Asn Ser Thr Phe Pro Ser Thr Ile	Val Thr	
73 110 115 120		_
75 gag tgg gac ctt gtg tgc tct cac agg gcc cta cgc cag ctg	J J	676
76 Glu Trp Asp Leu Val Cys Ser His Arg Ala Leu Arg Gln Leu A	Ala Gln	
77 125 130 135		
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84 Leu Ala Asp Arg Leu Gly Arg Arg Lys Val Leu Ile Leu Asn '	Tyr Leu	
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87 cag aca gct gtg tca ggg acc tgc gca gcc ttc gca ccc aac	ttc ccc	820
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92 Ile Tyr Cys Ala Phe Arg Leu Leu Ser Gly Met Ala Leu Ala		
93 190 195 200		
95 tcc ctc aac tgc atg aca ctg aat gtg gag tgg atg ccc att	cac aca	916
96 Ser Leu Asn Cys Met Thr Leu Asn Val Glu Trp Met Pro Ile 1		
97 205 210 215		
99 cgg gcc tgc gtg ggc acc ttg att ggc tat gtc tac agc ctg	ממט מפת י	964
100 Arg Ala Cys Val Gly Thr Leu Ile Gly Tyr Val Tyr Ser Leu		
100 Arg Ala Cys Val Gly Thr Leu Ile Gly Tyr Val Tyr Ser Leu 101 220 225 230	Gly Gln	1012
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Input Set : A:\2401pcd.app

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163	gtg	agc	atg	act	gcc	gag	ctc	tac	ccc	tcc	atg	cct	ctc	ttc	atc	tac	1732
164	Val	Ser	Met	Thr	Ala	Glu	Leu	Tyr	Pro	Ser		Pro	Leu	Phe	Ile		
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	Lys	GIĀ		GIN	Thr	Arg	GIN		GIN	GIU	HIS	GIn		Tyr	Met	vai	
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		ctg	_										Lyag	ggac	Lya		1922
	Pro	Leu	GIN	Ата	Ser	Ата		GIU	гаг	Asn	GTĀ	550				•	
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	_	oyaaa O> SI				ia a											2123
		l> Li															
		2> T			- 0												
		3> OF			Homa	י פאי	niena	3									
		0> SI				, Jul		-									
						Leu	Leu	Gln	Gln	Val	Glv	G1v	Val	Glv	Arg	Phe	
199	1				5					10	1	1		1	15		
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Input Set : A:\2401pcd.app

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	Cys	Arg 50		Pro	Ala	Asp	Ala 55	Asn	Leu	Ser	Lys	Asn 60	Gly	Gly	Leu	Glu
	Val 65		Leu	Pro	Arg	Asp 70		Gln	Gly	Gln	Pro 75		Ser	Cys	Leu	Arg 80
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	Ser	His 130		Ala	Leu	Arg	Gln 135		Ala	Gln	Ser	Leu 140	Tyr	Met	Val	Gly
225	Val		Leu	Gly	Ala	Met 150		Phe	Gly	Tyr	Leu 155	_	Asp	Arg	Leu	Gly 160
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	Leu		355 Gln	Val	Ile	Phe		360 Ala	Val	Asp	Leu		365 Ala	Lys	Leu	Val
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Input Set : A:\2401pcd.app

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285 Ala Arg Val Gly Ser Ile Val Ser Pro Leu Val Ser Met Thr Ala Glu
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/086,816A

DATE: 11/06/2002 TIME: 14:32:41

Input Set : A:\2401pcd.app

Output Set: N:\CRF4\11062002\J086816A.raw

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